

NORTH CAROLINA WING CIVIL AIR PATROL

U.S. Air Force Auxiliary

Carolina WingSpan

Citizens serving communities: Above and Beyond



JUNE 2009



2009 NC Wing and NATCAP Wing Summer Encampment



Photo By Maj. Conrad D'Cruz

Carolina Wingspan is publication of the North Carolina Wing, Civil Air Patrol, Wing Headquarters,
P O Box 2082 Burlington, NC 27216-2082. The opinions expressed herein are those of the individual
contributors and may not reflect the opinions of Civil Air Patrol or its leadership.

Cover Photo: The entire Encampment Wing poses for a group picture in front of the majestic C-46 Sea Knight display at MCAS New River, NC. The combined NC Wing/NATCAP Wing Encampment was held at Marine Corps Base Camp Lejeune in Jacksonville, NC from June 19-27, 2009



Contained in this issue

"Step On The Ball"	3
Submission Guidelines	4
Aerospace Day at NC-160	5
Paramedics Receive Awards From CAP	6
G1000 Class Graduates 8 From NC Wing	7
Special Olympics 2009	8
Shelby Unit Honors Lt. Col. Rose	9
NC-082 Change of Command	10
CAP-USAF Realignment	11
EARTHQUAKE!	12
New Spaatz Cadet for NC-082	13
2009 Summer Encampment	14
FAAST Program Coming to NCWG HQ	16

Carolina WingSpan is published under the direction of:

NCWG Commander - Col Roy Douglass
 NCWG Vice Commander - Lt Col Paul Meade
 NCWG Chief of Staff - Lt Col David Crawford

NCWG Director Public Affairs - Capt. Don Penven
dpenven@ncwg.cap.gov
 NCWG Deputy PAO, Maj. James Williams
JPBTW@carolina.rr.com
 NCWG Deputy PAO, Maj Conrad D'Cruz
conrad.dacruz@netswirl.com

NCWG newsletter "Carolina WingSpan" Editor - Capt. Donald Penven
 Send submissions to: carolina.wingspan@ncwg.cap.gov
 "Carolina WingSpan" is the official newsletter of the Civil Air Patrol, North Carolina Wing HQ, U.S. Air Force Auxiliary

For guidelines for article and photo submission go to Page 4



Carolina WingTips

‘Step on the ball’

It's the most unassuming instrument on the panel, so diminutive that it resides within the case of another instrument. Consisting of a ball inside a liquid-filled tube, the inclinometer—located beneath the miniature airplane in a turn coordinator, or beneath the needle of a turn-and-bank indicator—shows whether an aircraft is slipping or skidding through a maneuver. “If aileron and rudder are coordinated during a turn, the ball remains centered in the tube. If aerodynamic forces are unbalanced, the ball moves away from the center of the tube,” explains the discussion of inclinometers in Chapter 6 of the [*Pilot's Handbook of Aeronautical Knowledge*](#).

That's why advice to “step on the ball” is commonly offered to student pilots practicing maneuvers in training. But there's a better instrument for performing the inclinometer's function: you, the pilot. If you learned the finer points of using rudder to eliminate adverse yaw while practicing coordination exercises, slow flight, and stall recoveries, you have acquired the knack of sensing a slip or skid as an uncomfortable sideward force acting upon your body. This is the “feel” that experienced pilots possess. They don't need a ball to alert them to uncoordinated flight—and that includes your designated examiner!

The inclinometer can serve other uses, such as diagnosing an out-of-trim aircraft. Mark Twombly explained how in the November 1999 *AOPA Flight Training's* “[Flying Smart: What it looks like](#).” “Suppose you are in straight-and-level cruise at a steady airspeed and you've adjusted the pitch trim to maintain that airspeed and attitude. If you have to maintain some pressure on one of the rudder pedals to keep the wings level and the ball centered in the inclinometer, it's a good bet that the airplane's rudder is out of trim,” he wrote.

Inclinometers have been around for a long time, but not all airplanes have them. If you learn to fly in a technically advanced aircraft, you may notice the absence of an inclinometer, one of many innovations described in the April 2007 *AOPA Flight Training* feature “[Glass Class: Meet your TAA](#).” So, whatever you fly, hone the ability to feel the difference between an aircraft in coordinated flight and one that is slip-sliding through the sky.

Reprinted from AOPA with permission



SUBMISSION GUIDELINES ... CAROLINA WINGSPAN

- * E-mail article and attachments to: carolina.wingspan@ncwg.cap.gov.
- * Send story in body of e-mail rather than as attachment.
- * Please do not use any formatting, page centering, etc. Do not submit on CAP letterhead. Do not include any photos in the body of the text.
- * Subject line should include: Unit name, wing and brief description [e.g., "Lizzard Lick Comp Sq (SC): Senior member honored for AE contribution"]
- * Always include author's contact info: name, unit/wing, phone, e-mail, etc.
- * Compose your article in MS Word. Use Spell Check. Heed messages that say, "Passive voice, consider revising."
- * Do not send articles and photos in separate E-mails. Piecemeal submissions will be returned.
- * Refer often to the AP Stylebook, especially when listing ranks of members: Use Lt. Col. and not LtC or LtCol.

Digital Images/Photos

- * Submit as jpg or tif **attachments** to e-mail (no bmps, gifs, etc.), rather than in body of story.
 - * Minimum scan resolution: 250-300 dpi.**
 - * Minimum pixel resolution: 1280 x 960.**
 - * Cellphone photos of at least 1.5 Mb *may* be used
 - * Please send attachments rather than links to photo-hosting Web sites.
 - * Photos must be color. Do not add any special effects.
 - * Provide detailed cutline info, including description of action, complete identities, photo credits. Large groups need not be individually identified.
 - * Submit only the best photos. With most articles, include up to 2-3 photos.
 - * Try to submit at least one photo with every submission, even if it's just a head-&-shoulders shot of the senior member or cadet featured in the article.
- **If you do not have access to a photo editing program, send what you have. It may be possible to use them. Check the sharpness of every photo submitted. Blurry, out-of-focus shots will not be used. Dark photos are easily lightened. Overexposed photos are mostly beyond hope if the image is burned out.

Editor's Note: These guidelines are very similar to those posted by CAP News Online. If you have any hope of having your article published in both places, make separate submissions and follow the guidelines.

http://members.gocivilairpatrol.com/cap_national_hq/public_affairs/civil_air_patrol_submission_guidelines/

Aerospace Day at NC-160 Features Rocket Launches

Story and Photos By: Maj Mary Anne Fleagle,
Cunningham Field Composite Squadron

Cunningham Field held an Aerospace Education field day on Saturday, 06 Jun, in Trenton, NC. The remote location was selected because a large field that had been mowed especially for our launches. The owner, Mr Mel Murphrey, is a friend of a member's family, and had graciously allowed NC-160 to use the property.

There were five senior members from NC-160 and one from NC-140 assisting the cadets. 2nd Lt Mike Woodruff, Maj Mary Anne Fleagle, Capt Ray Hemphill, 1st Lt Casey Cole, S/M Steve Rynas and Senior sponsor Susan Rynas contributed enthusiasm and expertise to the effort.

Five cadets from NC-160 participated in the launches; C/CMSgt Sophie Rynas, C/SMSgt Rosemary Ellis, C/MSgt Jimmy Luksza, C/SSgt Courtney Bayliss and C/Amn Bethany Riley. Four cadets had successful payload launches. The fifth cadet, C/MSgt Luksza, completed his launches at a previous rocketry day, but successfully launched a two-stage rocket this day. He also had a mini-rocket attain the altitude of @ 410' before disappearing in the scud. C/Amn Riley launched her payload @ 376' before it disappeared in the mist.

Cunningham Field is grateful to the Luksza family who contributed chow and a place to relax after the flights. Commander Ray Hemphill presented MGySgt Jim Luksza, USMC, and his gracious wife Paulean with commendations for their support of our cadet program. We are also grateful to the neighbors and spectators who offered encouragement to the cadets, who endured the light rain and mist to launch their rockets.

Last but not least are the various insects and arthropods who were the unwilling participants in these launches. Take a moment to consider those who did not return, and remember they gave their lives in the furtherance of the rocketry program of Civil Air Patrol.



Cutlines for photos:

- C/SSgt Courtney Bayliss encourages the Mother of all Spiders before its first trip into space.
- A misty day in Eastern NC for launching rockets: C/SMSgt Rosemary Ellis and 2nd Lt Mike Woodruff are ready at the launch site.



Paramedics Receive Awards From CAP.

On May 16th, 2009, Mission Hospitals provided two Critical Care paramedics to accompany a plane load of veterans, sponsored by the Rotary Club, to view and tour our national war memorials in Washington DC. The plane was full to capacity with enthusiastic veterans and escorts. Upon arrival in DC the delegation toured several of the war memorials and even got to meet a few politicians and a 2 star general who were on hand to honor Asheville's veterans who served and protected our country.

Upon arrival back at the Asheville Airport the delegation was met by the Cadet Honor guard of the Asheville Composite Squadron of the Civil Air Patrol. They, along with others in attendance greeted the returning heroes with flags and a warm and respectful welcome home celebration.

Unfortunately Cadet Airman Katie Houston, age 12, after standing at attention for several minutes, suffered a syncopal episode and required some assistance. Critical care paramedics Randy Fugate and Clayton Raebel (Who is also a CAP Member) provided first aid and comfort measures along with her mother at her side.

In gratitude for their service, Civil Air Patrol Squadron Commander Lieutenant Colonel Robert Bauer and RTS Team Leader Jay Schreiner presented them both with the highly coveted "Gumby Award of Excellence" for honoring those who honored our veterans.

Semper Gumby "Always Flexible"
Maj. Merlin "Butch" Phillips, CAP.

Pictured from Left to right are CCEMTP and RTS Team Leader Jay Schreiner, Asheville Composite Squadron Commander LtCol. Robert Bauer CAP, Cadet Airman Katie Houston, CCEMTP Randy Fugate and CCEMTP also 2Lt Clayton Raebel CAP.

www.ashevillecap.org



NC Wing Members Attend G-1000 Ground School Training

Raleigh-Wake, NC-048 Team Provides Eight Hour Class

June 2, 2009

Raleigh, NC – Much to the surprise of Maj. Jesse Collum, Std/Eval Officer for The Raleigh-Wake Composite Squadron, eight CAP members representing four different units signed in for a G-1000 class when he was only expecting one or two. “We normally offer training on weekends, but the conference room in the General Aviation Terminal (GAT) wasn’t available for several weeks,” Collum said.

The G-1000 course prepares mission pilots and observers for flights using the complex “Glass Cockpit” instrument panel during missions. Collum said the eight hour ground school portion qualifies members for the transition to flight training in Cessna 182T NAVIII aircraft.

The training was scheduled for Tuesday, June 2, and realizing this was a work day for most members—attendance would be limited. That was not the case. “Capt. Joey Surles, NC Wing Director of Operations requested the training, but when we got the word out, eight students came forward,” Collum said.

Instructors assisting Collum were Capts. Sal Tripoli and Paul Golick of NC-048.

The following members completed the G-1000 Ground School training.

Joey Surles NC022
Julian Morton NC169
James Newton NC169
Fred Draper NC169
Elvert Clopton..... NC169
Hal Walter NC137
Wallace Courtney NC019
Rheta Perkings NC019



“With additional trained G-1000 pilots, the NC wing will be in a better position to receive an additional C-182T NAVIII airplane,” Collum said.

Don Penven, Capt., CAP
NC Wing Director of Public Affairs



NC Wing Provides Communications Support to Special Olympics

Radio Operators Test New State-Supplied Handheld Communications System

Capt. Don Penven

NCWG Director of Public Affairs

June 7, 2009

Raleigh, NC—Most of those NC Wing members who reported for duty on June 5-7 at the Special Olympics of North Carolina (SONC) had no idea that this marked the 10th year of CAP participation during this prestigious event. Friday, June 5th included opening ceremonies for the nearly 1900 athletes that had converged on Raleigh from every corner of the state. And the following morning saw 42 CAP cadet and senior members representing squadrons from the mountains to the coast signing in to cover venues scattered around Raleigh and Cary, NC.

Maj. Mike Starr, of the Cape Fear Composite Squadron, Wilmington, NC, served as Communications Unit Leader (CUL) on Saturday morning. Starr made preliminary assignments at the four main venues: gymnastics, athletics, softball and aquatics. The athletics venue at Ravenscroft School was further divided into softball, track and field, volleyball, and power lifting. Starr also issued VIPER handheld radios to each team. "We have great hopes for the VIPER system," Starr said. He explained that VIPER (Inter-operability for Emergency Responders) is a State-funded, statewide radio network made available to the NC Wing through its connection with The NC Division of Crime Control and Public Safety CC&PS. Starr set up a radio relay site at Ravenscroft School using both VIPER and CAP VHF radio units.

Capt. Kertis Henderson, NC Wing Information Technology Officer and NC Wing Interim Director of Communications, took over as CUL at noon on Saturday. "This event will be CAP's first real test of the VIPER radio system. VIPER is a trunked network operated by CC&PS and these radios are digital and secure," he said. Henderson went on to explain that VIPER is a system of radio towers linked together, strategically placed, all across the state. Using VIPER, an operator in the Blue Ridge Mountains can make and maintain radio contact with another operator on the Outer Banks—static and interference-free. Key SONC staff members had a VIPER-equipped CAP radio operator assigned to them, and VIPERS were carried by CAP radio operators at every activity.

Maj. Andy Wiggs, NC Wing Emergency Services Officer served as Incident Commander and also filled in as a Team Leader at the gymnastics venue. Wiggs said, "CAP radio operators transmitted event status updates for use by SONC staff every half hour. National Weather Service updates were also transmitted to all venues. VIPER radios could have been used to alert SONC staff to any emergencies, but fortunately there were none," Wiggs said. Wiggs also noted that the greatest line-of-sight distance covered with the VIPERS was approximately 18 miles. "That's phenomenal for handheld radios considering that downtown Raleigh was right in the middle," Wiggs said.

Activities resumed on Sunday morning until the last event finished near 2 00 p.m.



L-R Lt. Col. Patrick O'Neal, Maj. Mike Starr, Lt. Col. Don Beckett, Maj. Andy Wiggs.

Photos by: Capt. Don Penven



Seniors and cadets receive assignments at Ravenscroft School.



L-R Maj. Andy Wiggs, Lt. Col. Dave Crawford, Capt. Kertis Henderson

Shelby Composite Squadron Honors One of Its Own

2nd. Lt. Todd Ward, Asst. Public Affairs Officer, Shelby Composite Squadron
704-937-9170
ward173@gmail.com

Shelby, NC - Shelby Composite Squadron members and a host of friends and family gathered on 9 June 09 to honor Lt. Col. Joe Rose on his 55th anniversary as a Civil Air Patrol member.

What first began as plans for a small cookout at the squadron building quickly turned into a necessary relocation to the local Americas Best Value Inn conference room to accommodate over 100 visitors.

During the event, Lt. Col. Rose was honored by a Proclamation naming June 9 as “Joe Rose Day” by Cleveland County Commissioners Ronnie Hawkins, himself a CAP 1ST Lt., and Johnny Hutchins. Lt. Col. Rose was also presented a Plaque of Appreciation from the current and past squadron commanders a lithograph documenting his Air Force and Civil Air Patrol careers, and a presentation of his 50 year plaque and membership card.

Rose began his career in the Civil Air Patrol in 1944 as a cadet at the age of 15 and continues to serve as an inspiration to the squadron and the countless individuals whose lives he has touched through flight instruction and cadet O-rides.

Link to local news story: <http://www.shelbystar.com/news/joe-39751-war-korean.html>



Lt. Col. Rose with County Commissioners



Lt. Col. Rose with former commanders



Lt. Col. Rose with his wife Iris



WINSTON-SALEM COMPOSITE SQUADRON NC-082

COMMAND CHANGE

On June 11, 2009 Lt. Col. Bill Hawke became the new Squadron Commander of Winston-Salem Composite Squadron, NC-082. He succeeds Maj. Glen Peting, who has been Squadron Commander for the past four years.

Maj. Peting has done an outstanding job bringing the unit from a few members and no airplane to a strong flight position where the unit has even lead the Wing in flight hours several months and been able to carry out involved activities like a Joint-Combined exercise with US and Canadian Air Force and Navy components at Fort Pickett, VA. The cadets have grown in number and accomplished 62 achievements recently including C/Lt. Col. Barry Feinstein's Spaatz Award. He has been a steady hand during challenges that the squadron has faced.

Maj. Peting's first encounter with the Civil Air Patrol was as a cadet in the Raleigh-Wake Composite Squadron from 1970 through 1975. He rose to the rank of C/Lt. Col. and was squadron Cadet Commander. He graduated from Cadet Officer School at Maxwell AFB in 1973.

After graduating from Virginia Military Institute with a BS in Physics he went on to the US Air Force where he flew F-16s and was an instructor in C-130s. He was the recipient of numerous military awards including the Kuwait Liberation Medal. Following his military career he joined CAP again in 2002 and rose to Squadron Commander in 2005. He currently teaches in the Forsyth County school system in Winston-Salem. He will now serve the NC Wing in operations positions and will do an excellent job as he always does.

Our new commander, Lt. Col. Bill Hawke, received a BS in Mechanical Engineering from the University of New Mexico in the NROTC program and received his commission in the US Navy upon graduation. He served aboard the aircraft carrier, USS Kitty Hawk CVS-63, in Vietnam, in the Combat Information Center and later as Navigator in USS Reeves DLG-24. After leaving active service he joined the Naval Reserve where he served as commander of many units and rose to the rank of Captain before retiring.

During this time he was a manufacturing engineer in automated assembly, working in the electronics industry and later in automotive airbag manufacture. He joined CAP in Phoenix in 1989 and started with the Glider program where he eventually became Flight Commander. This unit was one of the two top units in the nation in training cadets in gliders, with many going on to solo and a few actually getting their licenses. Lt. Col. Hawke became a Mission Pilot in Tucson and then joined Composite Squadron 305 in Mesa, Arizona.

He was heavily involved in ES and Operations and traveled statewide training others. He was awarded Operations Officer of the Year and Mission Coordinator of the Year for the Arizona Wing. He became Squadron Commander in Mesa and was very active flying, attaining Command Pilot status while taking part in actual and practice SARs and the CD program. His aircrew won a SW Regional SARCOMP and the squadron's cadet drill team went all the way to national competition one year. The squadron was awarded Arizona Squadron of the Year in 1999. Lt. Col. Hawke also served as Arizona Vice Commander for two years. Lt. Col. Hawke moved to NC in 2006 and re-qualified as an IC and Mission Pilot. He has been serving as Operations and Emergency Services Officer in Winston-Salem and IC for the NC Wing. He will be filling some big shoes but I am sure he will meet the challenges ahead for our squadron.

Submitted by:

Gene Clodfelter, Public Affairs Officer, NC-082



Lt. Col. Bill Hawke



Maj. Glen Peting



FOR IMMEDIATE RELEASE
CIVIL AIR PATROL NATIONAL HEADQUARTERS
Citizens Serving Communities: Above and Beyond

Julie DeBardelaben f& Deputy Director, Public Affairs f& W: (877) 227-9142 Ext. 250 f& C: (334) 868-0198
Steve Cox f& Public Affairs Manager f& W: (877) 227-9142 Ext. 251 f& C: (334) 296-5881
www.gocivilairpatrol.com f& [Online media kit](#)

June 20, 2009

CAP-USAF realignment benefits America's youth

MAXWELL AIR FORCE BASE, Ala. — Big dividends for Civil Air Patrol cadet programs are expected out of an administrative shift by the U.S. Air Force's Air University. Effective June 11, 2009, both CAP and CAP-USAF, the liaison between CAP and the Air Force, were realigned under the Jeanne M. Holm Center for Officer Accessions and Citizenship Development. All entities are housed at Maxwell Air Force Base, Ala.

The realignment opens up lines of communication between the Air Force and CAP, its official civilian auxiliary, with a single Air Force point of contact for CAP's citizenship and character development programs.

"We're already seeing it," said CAP Executive Director Don Rowland. "I believe there are a lot of positive things for us because of this."

Under this new organizational chart, Air University remains the umbrella organization for the Holm Center, but CAP and CAP-USAF move from direct oversight by Air University to the Holm Center. CAP views this as a move to streamline Air Force and CAP youth programs.

The Holm Center, commanded by Brig. Gen. Teresa A.H. Djuric, already oversees the Air Force Reserve Office Training Corps, including Junior AFROTC. Adding CAP will allow for better coordination and the opportunity to combine curricula for both cadet programs, plus a better structure for teaching teamwork, citizenship, discipline and fitness, as well as customs and courtesies. The supervisory realignment means cadets from either program will now be able to attend the same encampments, greatly expanding the program for both groups.

"This action will bring a more concentrated dialog to both units," said Djuric. "Today, dialog happens at the unit level, but when it starts happening on a weekly basis at the command level, we will be better able to see how best practices...can be applied universally."

Junior AFROTC currently has 102,000 cadets nationwide and CAP has 22,000 cadets. Some young people retain memberships in both organizations, which have similar goals. Junior AFROTC is basically an in-school program, while CAP cadets meet after school.

The two programs have previously cooperated on cross-over activities, such as CAP offering orientation flights to Junior AFROTC cadets and the Air Force inviting CAP cadets to attend its JROTC Honors Encampment this summer.

Meanwhile, CAP-USAF is also happy about reporting to the Holm Center. "The realignment allows CAP-USAF to offer emergency services training to Air Force ROTC and Junior ROTC students," said CAP-USAF Commander Col. Bill Ward. "Being under the Holm Center also makes it easier to coordinate with ROTC and Officer Training School."

CAP-USAF's status as CAP program manager will remain unchanged. CAP-USAF will continue to be the primary interface to other federal agencies and will retain authority for approving CAP training and Air Force assigned missions. CAP-USAF will also keep daily operational control for joint tasking and will continue to review and make recommendations on CAP's annual budget and program submissions.



NC Emergency Management Conducts Earthquake Drill

NC Wing Members Assist in Emergency Operations Center

June 23, 2009

Raleigh, NC – EARTHQUAKE! Here in North Carolina natural disasters experienced more frequently are hurricanes, flash flooding, mud slides, snow, sleet and freezing rain. But on June 23 the airwaves crackled and telephone lines buzzed as reports of devastation began to trickle in to the Emergency Operations Center (EOC) located underground in the State Administration Building. Just two floors above the EOC, NC Gov. Beverly Purdue was preparing to issue a State of Emergency Proclamation. North Carolina had begun its first ever earthquake exercise.

“Few may consider North Carolina to be an earthquake-vulnerable place to live,” said Julia Jarema, Public Information Officer for the EOC, “But the state lies nestled between four seismic zones: one in eastern Tennessee, one in the southern Appalachian Mountains, one in Giles County Virginia, and one in Charleston, South Carolina. Earthquakes in any of those areas could cause significant damage in the Tar Heel state.” Jarema said that the North Carolina Division of Emergency Management scheduled the state’s first statewide earthquake exercise for June 23-24 to test their capabilities to coordinate with other agencies in responding to a widespread disaster with no advanced notice.

The training scenario involves a 5.8 magnitude earthquake west of Asheville that collapses buildings, damages roads, bridges and earthen dams; and sparks numerous fires. Planners anticipate nearly 200 emergency management staff will participate in the exercise.

In NC, Civil Air Patrol is an administrative division of the state’s Dept. of Crime Control and Public Safety (CC&PS), and it had requested CAP personnel to be stationed in the EOC to observe operations. NC Wing cadets would serve as “runners” between the various emergency management offices and the EOC.

“During a real event of this magnitude,” Jarema continued, “We would call upon CAP to provide communications and aerial surveillance in the disaster zones. The cost is so much less compared to using the Air National Guard. We would use their helicopters in a few areas, but mostly we’d need them to ferry in supplies due to the destruction of roads and bridges.”

Earthquake expert, Dr. Kenneth Taylor, Chief of the NC Geological Survey Office said that since 1735 NC has experienced 22 damage-producing earthquakes, seven of those had epicenters in the state. “Four were powerful enough – at least 5.1 magnitude—to cause structural damage,” Taylor said. “The last one was back in 1981 in Henderson Co. This was a small, shallow quake that registered 3.6 on the Richter Scale,” Taylor said.

According to 1st. Lt. Sam Brandt of the Raleigh-Wake Composite Squadron, the NC Wing is providing 20 members serving in four shifts over the two day exercise.



Left: Chris Tant, EOC Communications Officer briefs CAP members:
C/Am. Donna Childress, C/Am. Brooke Nichols, C/Am. Jeffrey Beaver, ..
1st. Lt. Sam Brandt, C/SSgt.. Chris Farley



1st Lt Sam Brandt points to the earthquake epicenter on
the EOC Situation Map

WINSTON-SALEM COMPOSITE SQUADRON CADET COMMANDER TO RECEIVE THE SPAATZ AWARD

C/Col Barry Feinstein passed his General Carl A. Spaatz award test on June 12, 2009 which is the highest award for a cadet in the CAP. He joined the CAP in October 2003 and became MER-NC-082 Commander (Winston-Salem Composite Squadron) in February 2008. He has worked hard on a regular basis to achieve this highest award, not only in the squadron, but also at Wing level. Along with all of the rank increases he has participated in over 30 search and rescue exercises. He is fully qualified at every level in communications and attended the national Emergency Services Academy at Camp Atterbury, Indiana. He is a certified First Responder with extensive First Aid and CPR training at the professional level. His high level of achievement has put him in positions of being an instructor of various classes numerous times. His resume for the CAP alone is a full page in length.

Add to the above he has excelled in his school work winning the Carl Sagan Award in science for 2007 and placing 3rd in school American Mathematics Competition. In his spare time he managed to work in Varsity Cross Country, Varsity Swimming (3years) being team captain his senior year and Varsity Track and field (4 years). The summers have also been busy working in mission projects in Georgia, Colorado, New Mexico, California and some four or five local projects which included the NC Special Olympics. These achievements also fill another full page.

His outstanding academics and leadership in CAP brought the appointment to all three military academies. He was accepted at West Point and the Naval Academy but in order to get a chemical engineering degree he was seeking he decided to go to Georgia Tech and is on a full Naval ROTC scholarship. He has been an outstanding cadet commander as he has led the NC082 cadet squadrons to an impressive number of achievements during his time as commander. His selection to take part in a cadet exchange program with the United Kingdom this summer. On June 11, 2009 the Winston-Salem Journal featured an outstanding write up about him and his accomplishments put him in an elite group. His exceptional service and progress in The Civil Air Patrol are a great example that all our cadets can follow. **CONGRATULATIONS SIR,** You have earned all the honors that you have received and may you continue to be the same kind of leading example as you go forth at the university. Give those Georgians a little North Carolina leadership and inspiration

Gene Clodfelter NC082 Public Affairs Officer



C/Col. Barry Feinstein



Major General Carl B. Jensen commander of the Marine Corps Installations East, presents the Spaatz certificate to C/Col Barry Feinstein. Photo by: Maj. Conrad D'Cruz

North Carolina and NATCAP Wings hold successful Summer Encampment at Camp Lejeune

Over 150 cadets graduate

Maj. Conrad F. D'Cruz
Deputy Director of Public Affairs
North Carolina Wing

North Carolina – The NATCAP-North Carolina Wing Summer Encampment was held at the Marine Corps Base Camp Lejeune in Jacksonville, NC from June 19-June 27, 2009.

Maj. Linwood Dabney was the Encampment Commander and Maj. Andy Wiggs was the Commandant of Cadets. Cadet Maj. Zachariah Kier was the Cadet Commander.

The cadet and senior member staff arrived a day early to plan and set up the living space and the services that would be provided to the cadet basics.

The Encampment staff and cadet basics were assigned to barracks adjacent to a training ground which was used for morning PT and formations.

On, Saturday June 20, 2009 the cadet basics were dropped off at the main gate of Camp Lejeune where they boarded buses, which transported them to the barracks. After in processing, the cadets assembled on the training ground for first formation. This was the first experience of Encampment for many of the basics as they settled in for the week long series of activities which included having their meals in a military mess hall along with Marines and Navy personnel.

After the training sessions for Emergency Services and safety briefings, the highlight of the first day was a trip MCAS New River to tour a USAF T-6 turbo prop training aircraft that was flown up from Columbus, MS by two former North Carolina CAP cadets who are now serving in the US Air Force. Maj. Joe Rucker is a former Raleigh-Wake Composite Squadron and Tar River Composite Squadron cadet and Capt. Ken Dixon is a former Ashville Composite Squadron cadet. Maj. Rucker is also a former Spaatz cadet.

The first activity on the second day was a visit to the MCAS New River memorial to fallen aviators which also serves as a static display of helicopters. This majestic CH-46 Sea Knight display served as the backdrop for the group encampment photographs. This was followed by a visit to the MATSS (Marine Aviation Training System Site) where the staff provided an overview of site operations and the variety of simulators they have for flight readiness training. The cadets also got some hands on experience with the simulators for the CH46, Huey UH-1N and the MV-22 Osprey. (Continued on next page)



Maj. Joe Rucker (USAF) and Capt. Ken Dixon (USAF) pose for a picture with the cadet basics in front of the T-6 Texan II. Maj. Rucker and Capt. Dixon, both former North Carolina Wing cadets flew the T-6 Texan II from their home base in Columbus, MS to display at the 2009 NATCAP-NCWG Encampment. Photo by Maj. Conrad D'Cruz

The evening activity was a tour of the MCAS New River Crash Fire Rescue (CFR) facility which consisted of several demonstrations of the tools and techniques used for various emergencies including structural firefighting, Hazmat, first aid, vehicle extraction, Decontamination and first responder procedures. The grand finale was a live demonstration of a simulated vehicle crash extraction procedure.

The first activity on the third day of encampment was a visit to the 2nd Maintenance Battalion facility where the Marines had two operational M1A1 Abram tanks opened up for the Encampment group to tour. The cadets were allowed to climb on to the tanks and sit inside and get a feel for the controls while the Marines provided details on the capability and specification of the equipment on board.

The second activity was classroom training on Land Navigation in which the cadets learned the skills needed to read maps and locate targets using a coordinate system. After lunch the cadets were taken out to the woods and practiced the skills they learned by finding targets hidden by the Marine instructors.

During the week the cadets were also spending time on other activities such as reading their Operating Instruction (OI) manuals, preparing their uniforms, physical training and parade practice. Capt. Wuerfful provided training in Character Development for the cadet basics. Maj. Jeff Moore and Capt. Brinkley Church, both from the US Air Force provided leadership training for the cadet staff.

The morning activity on the fourth day was a visit to the Marine Working Dogs (MWD) training facility where the Marines enthralled the group with the skills and dexterity of their dogs, which are trained to assist them on the battlefield. The second activity was a visit to the Nuclear Biological and Chemical training facility where the cadets got to see a demonstration on the use of gas masks and other equipment.

There were two activities scheduled for the afternoon at the same location where they had been trained on land navigation the previous day. The cadets split up into two groups and got to participate in both activities. While one group got trained by the Marine Corps Martial Arts Program (MCMAP) staff, the other group got an introduction to the light weapons used by the Marine Corps at the Indoor Simulated Marksmanship Trainer (ISMT) where they got to fire some of the weapons in the simulator.

The family picnic allowed the cadets, senior members and guests to mingle, have some fun and a much needed respite from the hectic activities of the previous few days.

On the fifth day the entire group assembled at the parade ground to participate in the presentation of honors to the colors at 0800. After the ceremony, Major General Carl B. Jensen commander of the Marine Corps Installations East came to the parade ground to present the Spaatz certificate to C/Col Barry Feinstein. He assisted the parents to put the epaulets on Cadet Feinstein. Maj. General Jensen then made a short motivational speech to the cadets and at the end of his speech he presented C/Col Feinstein with his challenge coin.

Training at the Marine Obstacle course was a real treat as the cadets got to tumble, swing, climb bars, barricades, walls and ropes that the Marines use. An unscheduled stop at the II MEF Simulation Center, which is the deployed virtual training environment, gave the cadets a feel for conditions on the battlefield.

At the Explosive Ordnance Disposal (EOD) facility the Marines displayed a bomb disposal truck and let the cadets play with two of their robots used in the field for bomb detection and removal.

The sixth and last full day of encampment began with a visit to the Light Armored Vehicle static display (LAV) where the Marines demonstrated the capabilities of their vehicles. The rest of the morning was spent getting uniforms ready for the graduation and the parade. The cadets then attended the mandatory Drug Demand Reduction class as the final activity of encampment.

Concluded on next page

At the banquet, Mr. Charles Broda who was the Marine Corps Camp Lejeune liaison for the encampment was recognized and honored by Maj. Dabney for his tireless efforts to make the encampment a success. Other honored guests included Maj. Jeff Moore (USAF), Capt. Brinkley Church (USAF), Lt. Col. Jannon Ellis (NATCAP Director of Cadet Programs), Col. Roy Douglass (NC Wing Commander), Lt. Col. Ellis (NC Group III commander).

The final day of encampment was hectic as the staff prepared for the arrival of the parents and guardians. The cadets assembled at the parade ground in preparation for the Pass in Review. Lt. Col. Al Therriault welcomed the parents and introduced the guests.

After the parade the very excited new graduates were moved back to the barracks for out processing. While the parents waited patiently in the parking lots, the cadets and seniors put the finishing touches on the cleaning and turning over of the barracks back to the Marine Corps.

FAA to Offer *Wings Program* At NCWG HQ.

A new event has been scheduled that meets your notification criteria on FAASafety.gov. Following is a brief overview of the event:

"Taking the 'Search' Out of 'Search and Rescue'"

Topic: New 406 ELT Update and ADS-B

On Thursday, July 16, 2009 at 7:00 PM

Location:

CAP Wing Headquarters (BUY)

3520 Alamance Rd

Burlington, NC 27215

Select Number:

EA3926158

Description:

406 ELT is largely not understood by the flying public. Learn the value of equipping with a 406 ELT.

*Bonus Search and Rescue segment. ADS-B is the surveillance technology of the future; in addition to enhanced aircraft separation ADS-B can be used for "last known position" information.

To view further details and registration information for this event, [click here](#).

The sponsor for this event is: [FAASTeam & GSO FSDO](#)

The following credit(s) are available for the WINGS/AMT Programs:

KEB 1.00

Watch CAPNC for more information on this program.

Ed.